IN THE CLAIMS:

Please amend claims 1, 6, 9, 13, and 14 as follows. Please add new claims 22 and 23.

1. (Currently Amended) A method of locating user equipment in a communication network, the method comprising:

requesting a location of user equipment which is communicating on a first channel with a first serving base station;

initiating a determination of the location of the user equipment; and

handing over the user equipment for communicating on a second channel with a second different serving base station,

wherein said determination of the location of the user equipment is suspended until said handing over from the first serving base station to the second different base station has been completed.

2. (Original) The method according to claim 1, further comprising receiving a signal indicating that the step of handing over has started.

3. (Original) The method according to claim 1, further comprising controlling the first and second channels by a same controller.

4. (Original) The method according to claim 3, wherein the step of controlling the first and second channels by a same controller comprises controlling the first and second channels by a base station controller.

5. (Original) The method according to claim 4, wherein the base station controller controls a plurality of base stations.

6. (Currently Amended) The method according to claim 1, wherein the step of requesting a location ~~of~~ comprises requesting a location of a mobile station.

7. (Original) The method according to claim 1, wherein determination of the location of the user equipment comprises using a time difference of arrival (TDOA) method.

8. (Original) The method according to claim 7, wherein the communications network comprises a wireless communication system having a plurality of base stations, each having a location measuring unit, the initiating step further comprises using signals received at a plurality of location measuring units of respective base stations from said user equipment.

9. (Currently Amended) A system for locating user equipment in a communications network, the system comprising:

a location entity;

a controller, configured to send a request to the location entity for locating user equipment which is configured to communicate on a first channel with a first serving base station, the location entity being configured to initiate a determination of a location of said user equipment,

wherein when said user equipment is being handed over to communicate on a second channel with a second different serving base station, the location entity is configured to suspend the determination of the location of the user equipment until handing over from the first serving base station to the second different serving base station has been completed.

10. (Original) The system according to claim 9, wherein the first and second channels are controlled by a same controller.

11. (Original) The system according to claim 9, wherein the location entity comprises a serving mobile location center.

12. (Original) The system of claim 9, wherein said location entity is configured to use a time difference of arrival method.

13. (Currently Amended) A location entity for use in a system for locating user equipment in a communications network, the system comprising a controller, and said location entity being configured to:

receive a request from a controller for locating user equipment which is configured to communicate on a first channel with a first serving base station,

initiate a determination of a location,

wherein said location entity is configured so that when the user equipment is being handed over to communicate on a second channel with a second different serving base station, determination of the location of the user equipment is suspended until said handing over from the first serving base station to the second different serving base station has been completed.

14. (Currently Amended) A system for locating user equipment in a communication network, the system comprising:

requesting means for requesting a location of user equipment which is communicating on a first channel with a first serving base station;

initiating means for initiating a determination of the location of the user equipment;

handing over means for handing over the user equipment for communicating on a second channel with a second different serving base station,

wherein said determination of the location of the user equipment is suspended until said handing over from the first serving base station to the second different serving base station has been completed.

15. (Original) The system according to claim 14, further comprising receiving means for receiving a signal indicating that handing over has started.

16. (Original) The system according to claim 14, wherein the first and second channels are controlled by a same controller.

17. (Original) The system according to claim 16, wherein the controller comprises a base station controller.

18. (Original) The system according to claim 17, wherein the base station controller controls a plurality of base stations.

19. (Original) The system according to claim 14, wherein the user equipment comprises a mobile station.

20. (Original) The system according to claim 14, wherein determination of the location of the user equipment comprises using a time difference of arrival (TDOA) method.

21. (Original) The system according to claim 20, wherein the communications network comprises a wireless communication system having a plurality of base stations, each having a location measuring unit, the initiating means using signals received at a plurality of location measuring units of respective base stations from said user equipment.

22. (New) A method as claimed in claim 1, wherein if the handing over from the first serving base station to the second different serving base station is successfully completed, initiating the location procedures with regard to the second channel.

23. (New) A method as claimed in claim 1, wherein if the handing over from the first serving base station to the second different serving base station is successful, continuing the location services with determining the location of the mobile station on the first channel.